

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application(s) / Patent(s) of:

## INTERACTIVE SILICON, INC.

Dallas, Texas March 26, 2003

COMMISSIONER FOR PATENTS Washington, DC 20231

Dear Sir:

## REVOCATION OF PRIOR AND SUBSTITUTE POWER OF ATTORNEY

I hereby revoke any and all prior Powers of Attorney executed in connection with the Patent Application(s) and/or Granted Patent(s) specified on the attached Exhibit A, and hereby appoint:

Michael P. Adams Reg. No. 34,763

Barry Newberger Reg. No. 41,527

my attorneys with full power of substitution and revocation, to prosecute the application(s) and patent(s) and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent application(s) filed thereon before any international authorities under the Patent Cooperation Treaty.

Please refer to our file numbers specified on the attached Exhibit A.

Please send all correspondence to the address listed below:

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Date: 3-25-03

INTERACTIVE SILICON, INC.

Printed: Kenneth East

Title: President & Chief Executive Officer

## **EXHIBIT A**

1. Serial No:

08/340,667

Filing Date:

11/16/94

Patent No.:

6,002,411

Issue Date:

12/14/99

Title:

INTEGRATED VIDEO AND MEMORY

CONTROLLER WITH DATA PROCESSING

AND GRAPHICAL PROCESSING

**CAPABILITIES** 

Assignment Reel/Frame:

9275/0387

Our File No.:

40532-P001X1

Former File No.:

5143-00101

2. Serial No:

09/241,139

Filing Date:

2/1/99

Patent No.:

6,370,631

Issue Date:

4/9/02

Title:

MEMORY CONTROLLER INCLUDING

EMBEDDED COMPRESSION /

**DECOMPRESSION CAPABILITIES FOR** 

IMPROVED DATA ACCESS BETWEEN NON-

**VOLATILE AND SYSTEM MEMORY** 

Assignment Reel/Frame:

9758/0602

Our File No.:

40532-P001D2

Former File No.:

3.

Serial No:

09/461,172

Filing Date:

12/14/99

Patent No.:

6,170,047

Issue Date:

1/2/01

Title:

SYSTEM AND METHOD FOR MANAGING

SYSTEM MEMORY AND/OR NON-

**VOLATILE MEMORY USING A MEMORY** 

CONTROLLER WITH INTEGRATED COMPRESSION AND DECOMPRESSION

**CAPABILITIES** 

Our File No.:

40532-P001D3

Former File No.:

5143-00203

4.

Serial No:

08/916,464

Filing Date:

8/8/97

Patent No.:

6,173,381

Issue Date:

1/9/01

Title:

MEMORY CONTROLLER INCLUDING

EMBEDDED DATA COMPRESSION AND

**DECOMPRESSION ENGINES** 

Our File No.:

40532-P001D1X2

Former File No.:

5.

Serial No:

08/565,103

Filing Date:

11/30/95

Patent No.:

5,838,334

Issue Date:

11/17/98

Title:

MEMORY AND GRAPHICS CONTROLLER

WHICH PERFORMS POINTER-BASED

DISPLAY LIST VIDEO REFRESH

**OPERATIONS** 

Assignment Reel/Frame:

9275/0371

Our File No.:

40532-P001P1C1

Former File No.:

5143-00301

6.

Serial No:

08/604,670

Filing Date:

2/21/96

Patent No.:

5,995,120

Issue Date:

11/30/99

Title:

GRAPHICS SYSTEM INCLUDING A

VIRTUAL FRAME BUFFER WHICH STORES VIDEO/PIXEL DATA IN A PLURALITY OF

MEMORY AREAS

Our File No.:

40532-P001M1X1

Former File No.:

08/770,017

Filing Date:

12/19/96

Patent No.:

6,108,014

Issue Date:

8/22/00

Title:

SYSTEM AND METHOD FOR

SIMULTANEOUSLY DISPLAYING A PLURALITY OF VIDEO DATA OBJECTS HAVING DIFFERENT BIT PER PIXEL

**FORMATS** 

Our File No.:

40532-P001M2X1

Former File No.:

5143-00305

8. Serial No:

09/971,107

Filing Date:

10/4/01

Patent No.:

6,518,965 B2

Issue Date:

2/11/03

Title:

GRAPHICS SYSTEM AND METHOD FOR RENDERING INDEPENDENT 2D AND 3D OBJECTS USING POINTER BASED DISPLAY

LIST VIDEO REFRESH OPERATIONS

Assignment Reel/Frame:

012505/0682

Our File No.:

40532-P021C1

Former File No.:

09/056,021

Filing Date:

4/6/98

Patent No.:

6,067,098

Issue Date:

5/23/00

Title:

VIDEO/GRAPHICS CONTROLLER WHICH

PERFORMS POINTER-BASED DISPLAY LIST

VIDEO REFRESH OPERATIONS

Assignment Reel/Frame:

9274/0804

Our File No.:

40532-P001M3P1

Former File No.:

5143-01200

10.

Serial No:

10/085,274

Filing Date:

2/28/02

Title:

VIDEO CONTROLLER SYSTEM WITH

SCREEN CACHING

Assignment Reel/Frame:

012663/0652

Our File No.:

40532-P003C1

Former File No.:

5143-01501

11.

Serial No:

09/239,659

Filing Date:

1/29/99

Title:

BANDWIDTH REDUCING MEMORY

CONTROLLER INCLUDING SCALABLE

EMBEDDED PARALLEL DATA

COMPRESSION AND DECOMPRESSION

**ENGINES** 

\*\*\*Response to Office Action submitted on 8/5/02 requested title change to: SELECTIVE LOSSLESS, LOSSY, OR NO COMPRESSION OF DATA BASED ON ADDRESS RANGE, DATA TYPE, AND/OR REQUESTING AGENT

Assignment Reel/Frame:

9742/0780

Our File No.:

40532-P001M4P1

Former File No.:

09/421,968

Filing Date:

10/20/99

Patent No.:

6,208,273

Issue Date:

3/27/01

Title:

SYSTEM AND METHOD FOR PERFORMING

SCALABLE EMBEDDED PARALLEL DATA

**COMPRESSION** 

Assignment Reel/Frame:

010338/0552

Our File No.:

40532-P001M5P2

Former File No.:

5143-01701

13.

Serial No:

09/491,343

Filing Date:

1/26/00

Title:

SYSTEM AND METHOD FOR PERFORMING

SCALABLE EMBEDDED PARALLEL DATA

**DECOMPRESSION** 

Assignment Reel/Frame:

010529/0576

Our File No.:

40532-P001M6D1

Former File No.:

5143-01702

14.

Serial No:

09/818,283

Filing Date:

3/27/01

Title:

SYSTEM AND METHOD FOR PERFORMING

SCALABLE EMBEDDED PARALLEL DATA

**COMPRESSION** 

Assignment Reel/Frame:

011940/0856

Our File No.:

40532-P001M7P2

Former File No.:

09/821,785

Filing Date:

3/28/01

Title:

SYSTEM AND METHOD FOR PERFORMING

SCALABLE EMBEDDED PARALLEL DATA

**DECOMPRESSION** 

Assignment Reel/Frame:

011954/0206

Our File No.:

40532-P001M8P2

Former File No.:

5143-01705

16.

Serial No:

09/616,480

Filing Date:

7/14/00

Title:

MEMORY MODULE INCLUDING

SCALABLE EMBEDDED PARALLEL DATA

COMPRESSION AND DECOMPRESSION

**ENGINES** 

Assignment Reel/Frame:

011210/0355

Our File No.:

40532-P022US

Former File No.:

5143-01801

17.

Serial No:

09/299,966

Filing Date:

4/26/99

Patent No.:

6,145,069

Issue Date:

11/7/00

Title:

PARALLEL DECOMPRESSION AND

COMPRESSION SYSTEM AND METHOD FOR IMPROVING STORAGE DENSITY AND

ACCESS SPEED FOR NON-VOLATILE MEMORY AND EMBEDDED MEMORY

**DEVICES** 

Assignment Reel/Frame:

9925/0590

Our File No.:

40532-P001M9P3

Former File No.:

09/550,380

Filing Date:

4/14/00

Patent No.:

6,523,102 B1

Issue Date:

2/18/03

Title:

PARALLEL COMPRESSION /

DECOMPRESSION SYSTEM AND METHOD FOR IMPLEMENTATION OF IN-MEMORY

COMPRESSED CACHE IMPROVING

STORAGE DENSITY AND ACCESS SPEED FOR INDUSTRY STANDARD MEMORY SUBSYSTEMS AND IN-LINE MEMORY

**MODULES** 

Assignment Reel/Frame:

010730/0424

Our File No.:

40532-P007US

Former File No.:

5143-02000

19.

Serial No:

09/840,724

Filing Date:

4/23/01

Title:

SYSTEM AND METHOD FOR RECOGNIZING

AND CONFIGURING DEVICES EMBEDDED

ON MEMORY MODULES

Assignment Reel/Frame:

011755/0793

Our File No.:

40532-P008US

Former File No.:

5143-02400

20.

Serial No:

09/915,751

Filing Date:

7/26/01

Title:

SYSTEM AND METHOD FOR MANAGING

COMPRESSION AND DECOMPRESSION OF

SYSTEM MEMORY IN A COMPUTER

**SYSTEM** 

Assignment Reel/Frame:

012493/0726

Our File No.:

40532-P009US

Former File No.:

10/205,590

Filing Date:

7/25/02

Title:

PARALLEL COMPRESSION METHOD FOR IMPROVING NETWORK PROCESSING BY IMPROVING STORAGE DENSITY AND ACCESS SPEED WITHIN NETWORK DATA

PROCESSING SWITCHES

Our File No.:

40532-P010US

Former File No.:

5143-02801

22.

Serial No:

10/044,786

Filing Date:

1/11/02

Title:

PARALLEL COMPRESSION AND

**DECOMPRESSION SYSTEM AND METHOD** 

HAVING MULTIPLE PARALLEL

COMPRESSION AND DECOMPRESSION

**ENGINÉS** 

Assignment Reel/Frame:

012694/0922

Our File No.:

40532-P001M10P2

Former File No.:

5143-03000

23.

Serial No:

10/044,785

Filing Date:

1/11/02

Title:

SYSTEM AND METHOD FOR GENERATING OPTIMALLY COMPRESSED DATA FROM A

PLURALITY OF DATA COMPRESSION /

**DECOMPRESSION ENGINES** 

IMPLEMENTING DIFFERENT DATA

**COMPRESSION ALGORITHMS** 

Assignment Reel/Frame:

012704/0236

Our File No .:

40532-P001M11P3

Former File No.:

24.

Serial No:

10/227,607

Filing Date:

8/23/02

Title:

MANAGING A CODEC ENGINE FOR

MEMORY COMPRESSION /

DECOMPRESSION OPERATIONS USING A

DATA MOVEMENT ENGINE

Our File No.:

40532-P014US

Former File No.:

5143-03601

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